

CP  
33  
Cont

36. The apparatus of claim 35, wherein the grouping means includes:  
means for deriving over T processor cycles, a future state  $S(t+T)$  based on a present state;  
and  
means for determining a group of the instructions to dispatch at time  $t+T$ .

#### REMARKS

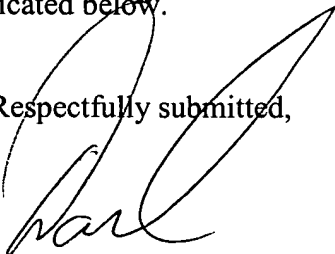
This amendment provides the prior application reference(s) required under 35 U.S.C. § 120 and 137 C.F.R. § 1.78(a)(2). As a corresponding claim(s) of priority was(were) included in the application and recognized by the Office as evidenced by its (their) inclusion on the filing receipt, no petition or surcharge is required.

Claim amendments find support throughout the specification and drawings, but particularly (though without limitation), in the Summary, on page 7, line 26—page 8, line 18 and on page 10, line 8—page 11, line 32. No new matter has been added. Examination on the merits is respectfully requested.

If the Examiner has any questions, Applicants respectfully request that the Examiner contact the undersigned at the telephone number indicated below.

EXPRESS MAIL LABEL NO.: EV106241501US

Respectfully submitted,

  
David W. O'Brien, Reg. No. 40,107  
Attorney for Applicant(s)  
(512) 347-9030  
(512) 347-9031 (fax)